



## Custom Dynamics® LRST Windshield Trim Installation Instructions

We thank you for purchasing the Custom Dynamics® LRST Windshield Trim. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1 (800) 382-1388.

**Part Numbers:** CD-LRST-WT-B CD-LRST-WT-D

### Package Contents:

- LRST Windshield Trim (2)
- LRST Y- Harness (2)
- 10-24 x 1-1/2" Button Head Cap Screws (4)
- Rubber Washers (4)
- Nylon Washers (4)
- 6" Cable Ties (6)
- Instructions (1)
- Magnet (1)



**Fits:** 2022-2024 Low Rider ST (FXLRST) and 2022 Low Rider EI Diablo (FXRST).

### Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove outer fairing by removing 6 windshield screws shown in **Figure 1**. Lift to remove windshield and store in a safe place to prevent damage.
3. Remove 4 outer fairing screws shown in **Figure 2**.



Please read all Information below before Installation

**Warning:** Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

**Safety First:** Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

**Important:** This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

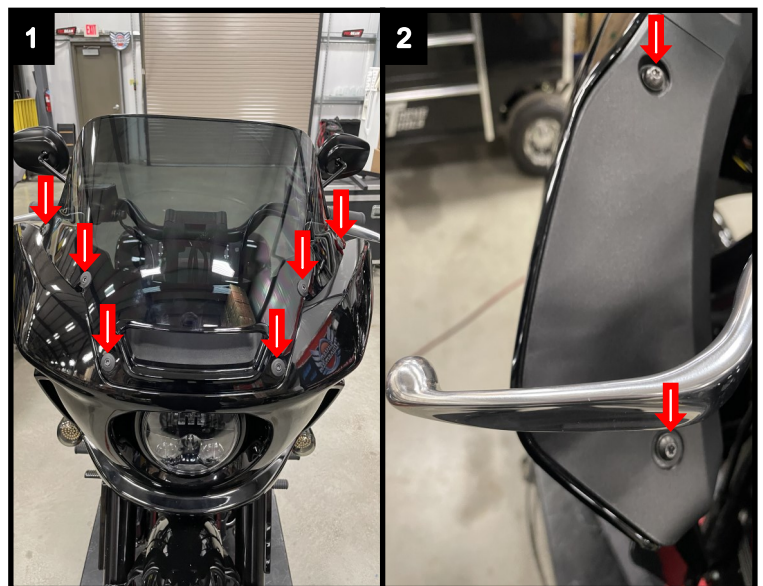
### Note:

If you're experiencing a Rapid Flash on your Turn Signal dash indicator, you may need to sync the BCM (Body Control Module) and clear the trouble codes. Please click on the link below and follow the steps to clear the trouble codes and perform the BCM sync.

To sync the BCM, perform the following steps:

1. Turn Ignition on, but do not start the bike.
2. Turn on 4 way hazards by pressing the hazard button on the controls. Count 10 flashes and deactivate.
3. Turn on 4 way hazards for another 10 flashes and deactivate.
4. Clear Diagnostic Trouble Codes (DTC's)
5. Turn Ignition OFF then back ON. Turn on 4 way hazards.

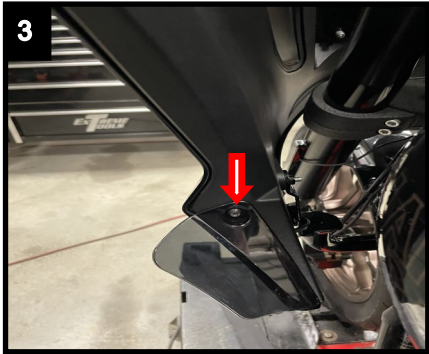
After performing the steps above, turn the ignition switch to the ON position and test for proper turn signal operation. The dash turn signal indicators should no longer be Rapid Flashing.



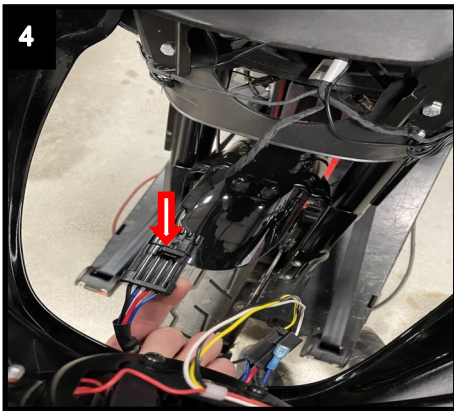
Questions? Email: [Info@CustomDynamics.com](mailto:Info@CustomDynamics.com) or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

## Installation Instructions - Page 2.

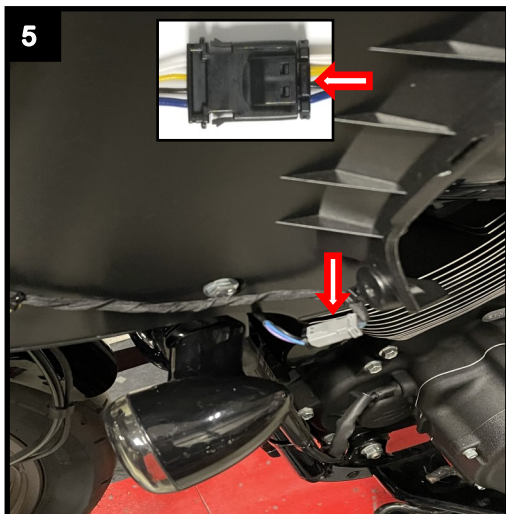
4. Remove fairing air deflector screws shown in **Figure 3**.



5. Pull outer fairing away from inner fairing and unplug headlight connector shown in **Figure 4**. Remove outer fairing and store in a safe place to prevent damage.

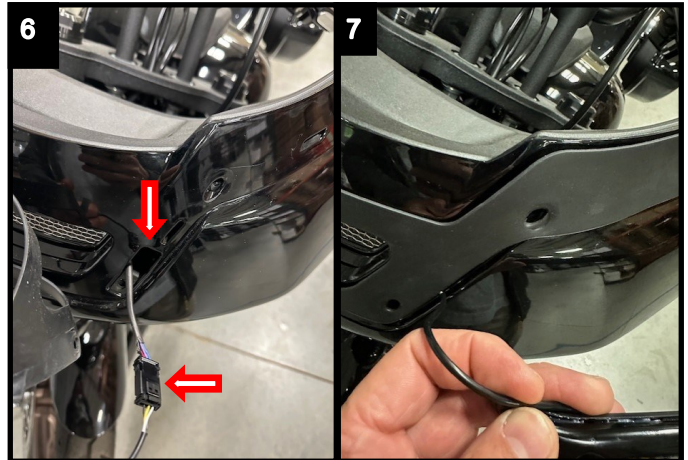


6. Locate left and right turn signal connectors and unplug by pressing down on the releasing tab shown in **Figure 5**.



7. Plug the LRST Y-Harness at both turn signals. Use cable ties to secure wires from being cut, frayed, or pinched.

8. Reinstall outer fairing and plug headlight connector back together and route LRST Y-Harness connector through hole in outer fairing by front windshield screw by peeling back rubber trim and plug in the LRST Windshield Trim connector. Shown in **Figure 6**.
9. Push LRST Windshield Trim wire back into hole in fairing and put back rubber seal. Shown in **Figure 7**.



10. Reinstall windshield and LRST Windshield Trim with provided Button Head Cap Screws and both Nylon and Rubber Washers. Shown in **Figure 8**. **Note: Make sure to use Nylon Washer then Rubber Washer on install.**



11. Replace all necessary parts and reconnect the battery negative cable.
12. Test all operations of front turn signals and LRST Windshield Trim. Programming signal functionality instructions are on Page 3.



### Program Mode:

To select the turn signal configuration, place the magnet at/near the position shown in Figure 9 within 20 seconds of key-on/power-on. Once the LRST Windshield Trim senses the magnet, it will change and display the next turn signal configuration. See order of configurations below. To cycle to the next turn signal configuration, move the magnet away from the position in Figure 9 and bring it back to the previous position within 10 second. If the magnet is continuously held at/near the position in Figure 9, the LRST Windshield Trim will display or demonstrate the current Turn Signal configuration. If the magnet is removed for longer than 10 seconds, the turn signal configuration will be saved.

Choose between three turn signal function modes.

- Sequencing On: the turn signals LED's Turn ON in sequence from inward to outward.
- Sequence Off: the turn signals LED's all Turn ON initially, then sequence OFF from inward to outward
- Standard Flash